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**PATENT**  
Attorney Docket No. MIT-103

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Kawasaki et al.

SERIAL NO.: 09/422,999      GROUP NO.: 1646

FILING DATE: October 22, 1999      EXAMINER: J. Murphy

TITLE: Genes Integrating Signal Transduction Pathways

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF PAPER COPY AND/OR COMPUTER-READABLE COPY**  
**OF SEQUENCE LISTING FOR INVENTION**  
**CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE**

Sir:

1. ☒ This replies to the U.S. Patent and Trademark Office letter dated November 15, 2004.

☐ A copy of the letter is enclosed.

2. Submitted herewith is/are  
(check each item as applicable)

- A. ☒ a paper copy of the Sequence Listing for this application with each sequence assigned a separate identifier.
- B. ☒ a copy, in computer-readable form, of the Sequence Listing for this application.

### STATEMENT

3. I hereby state that:

(complete applicable items A, B and/or C)

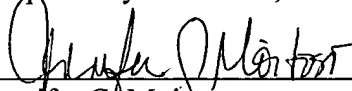
- A. ☒ the content of the paper and computer readable copies submitted herewith are the same.
- B. ☐ the content of the computer-readable copy submitted herewith is the same as that of the Sequence Listing submitted on October 22, 1999.
- C. ☒ this submission includes no new matter.

Applicants believe no fee is required at this time. Nevertheless, if a fee is due, please debit deposit account No. 50-1721.

Dated: March 15, 2005  
Reg. No. 51,752

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Respectfully submitted,



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